

# Towards A New Geometry of Consciousness

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## Abstract

Bridging the ancient knowledge systems of the East and the modern scientific experiment based knowledge systems of the West, new management technical doors and windows are opened here to enhance the consciousness. Implications of the mathematical symbols are employed to create a new theory of consciousness.

Keywords: symbols in mathematics and languages, awareness, awakening, matrix, shunya, swasthika, Western windows, Eastern doors, consciousness corridors.

Broadly there are two approaches to consciousness viz. **the Scientific and the Rishi's**. In **the** scientific approach consciousness is an emergent phenomenon of matter. This can be referred to as **the matter** route to consciousness. In **the** Rishi route consciousness is an infused phenomenon wherein matter is infused with spirit. *īśā vāsyam idam sarvām, yat kiñca jagatyām jagā*, Ishopanishad declares. It implies all matter is infused with consciousness. This can be referred to as **the spirit** route to consciousness.

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\* Paper is originally presented at the Dialogical Workshop on 'Spiritual Pragmatics and Geometry of Consciousness', held at Indus Business Academy (IBA), Bangalore, Aug. 28, 2013. Workshop was organized by IBA Center for C-School in collaboration with Southern Economist Study Circle, Bangalore and Shri Shamjibhai Harjibhai Talavia Memorial Centre for Human Nature, RK University, Rajkot. The article is later modified for the Journal.

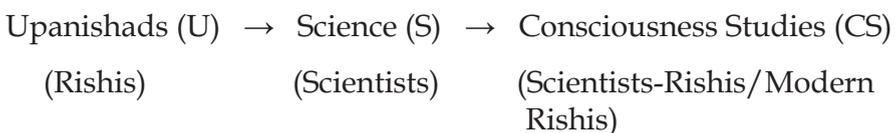
Now there is a need to combine the two approaches to consciousness. It implies recognizing the impact of consciousness on Space and Time and on Energy and Matter. This also implies viewing the world through the lens of STC (Space Time Consciousness) and EMC (Energy Matter Consciousness).

David Bohm proposed the idea of Implicate and Explicate order. He further suggests the triad of EMI (Energy Matter Information) to understand the linkage between implicate and explicate order. Bohm’s EMI triad can be viewed as EMC triad wherein Consciousness represents the implicate order that finds its expression in the explicate order in terms of matter and energy. We can also represent this idea in terms of AUM (All Unmanifest & Manifest). AUM finds its expression in the form of EMC triad and a general relationship in terms of  $E = MC^n$  (Sharma, 1999).

This AUM expression can also be represented in terms of ‘Geometry of Divinity’ (GOD) that we observe in nature through ‘Great Order & Disorder’ (GOD).

In ancient times, ‘Geometry of Divinity’ was represented through yantras. In fact yantras can be considered as an ancient geometry of consciousness because consciousness was represented through various yantras i.e. geometrical figures. With the advent of science, a new geometry of consciousness is needed to integrate two routes viz. scientific route/ scientific formulations and **Rishi** route/ spiritual formulations. This requires a new approach viz. Re-see approach wherein we re-see both Science and Spirituality in new ways and provide new interpretations to symbols used in science and spirituality.

Above discussion can also be viewed in terms of a historical perspective. Ancient India explored consciousness and gave Upanishads to the world. Modern science focused on the exploration of matter. Now both these traditions are finding a new convergence in Consciousness studies. This historical perspective can be represented as USCS flow:



## Some Symbols of New Geometry

New geometry of consciousness can be represented through symbols that are widely in use both in science and spirituality. A brief discussion on such symbols is as follows:

Plus, Multiplication and Spiral ( +, X, spiral)

Three symbols viz. +, x and spiral can be considered as fundamental symbols of the new geometry of consciousness. These three symbols are **interrelated** and a number of **phenomena** of nature can be explained with the help of these symbols. When + is rotated, we arrive at X and when X is rotated at a very high speed it generates an upward moving force of spiral like a tornado.

In nature we observe following three types of changes:

Changes that are incremental in nature represented by + symbol

Changes that are multiplier in nature and therefore lead to multiplier effect represented by X

Changes that are spiral in nature and lead to fundamental change in the configuration e.g. revolutions in societies. An event in a society can influence the entire nation and can even change the course of history.

Like the changes in nature, changes in organizations and societies can also be viewed in terms of these three symbols of the new geometry of consciousness. Organizations and societies experience incremental changes, radical changes and disruptive/revolutionary changes arising from spiral like effects.

## Languages as Geometry of Consciousness

It may be indicated that geometry of consciousness also finds its expression through various languages. An illustration of geometry of consciousness is the very first letter ( $\infty$ ) of Devnagri script which is a combination of symbol of infinity ( $\infty$ ) and the symbol T. It is a symbol of infinity combined with a **vertical and a horizontal line**. As a symbol of **the new** geometry of consciousness, it (**is**) represents the idea of consciousness as infinite and unbounded in its vertical and horizontal expanse. This Devnagri letter can also serve as an analytical model of dialectical synthesis wherein symbol of infinity represents thesis and anti-synthesis intertwined. This illustration

from the Devnagri script leads us to a general view that alphabets of various languages represent a geometry of consciousness.

Popular usage of the phrase, From Alpha to Omega can also be interpreted in terms of evolution of consciousness from Alpha state to Omega state. In fact all languages can be considered as expressions of nature’s geometry of consciousness. In view of the same there is an underlying unity of all languages. A unity in diversity can be experienced when languages are considered as different expressions of geometry of consciousness.

Seven tempers of Mind: Rainbow model of Consciousness – From Awareness to Awakening

Full circle rainbow is another illustration of new geometry of consciousness.

Full circle rainbow in the outer sky has a mirror image as an inner rainbow with ROYGBIV circles representing seven expanding circles of consciousness. Table 1 provides interpretations to various colors of consciousness:

**Table 1: Colors of Consciousness**

Red (R)	Orange (O)	Yellow (Y)	Green (G)	Blue (B)	Indigo (I)	Violet (V)
Reason	Intuition	Wisdom	Insight	Revelation	Imagination	Vision
Scientific temper						Transcendental vision
Awareness-----Awakening						

(Source: Wisdom & Consciousness from the East, Subhash Sharma, IBA Publications, Bangalore, 2013, p. 119)

In the above presented interpretation, scientific temper is the starting point of awareness and as awareness increases we finally reach the stage of awakening leading to transcendental vision. Visionaries operate from higher levels of consciousness and thereby they provide transcendental vision to the society. Prophets, philosophers, poets, saints, sages, wise gurus operate from higher levels of consciousness and therefore provide new insights based on their transcendental vision of reality.

Expressions of Consciousness in Human Society: From Fight to Fullness

In the context of human society, we find expression of consciousness in terms of Fight, Flow, Fly, Float and Fullness. Geometry of this evolutionary model of human consciousness can be represented by various symbols as presented in Table 2.

**Table 2: From Fight to Fullness**

Fullness	.
Float	$\infty$
Fly	O
Flow	$\Delta$
Fight	$\square$

In this geometry of human consciousness, rectangle represents Fight consciousness as it represents territory for which human beings fight in their survival. Triangle represents flow like the flow of river from the top of the mountain. Circle represents the fly like the flight of the bird and  $\infty$  represents the floating like floating of the cloud and shunya (dot) represents the fullness state of consciousness. It may be indicated that fullness state of consciousness is also represented by many phrases such as Fanna, Nirvana, Moksha etc. These phrases represent the 'fullness experiences' in different languages. As more and more human beings evolve on this ladder of consciousness (from fight to fullness), we can visualize a shift in consciousness from Darwinian existence to Enlightened existence with dignity and divinity oriented worldview.

Dialectical Chakra, Swastika Analytics and Whirlpool/ Spiral Geometry

Three concepts that capture the essence of the geometry of consciousness and its application to society's analysis include dialectical chakra, swastika analytics (analyzing horizontal & vertical axis of an issue) and whirlpool geometry. A dialectical chakra arises from the multiplicity of dialectics that we observe in society. This multiplicity could arise from caste, class, gender, culture, religion etc. Dialectical chakra can also take the shape of swastika and as a result of the rotation of swastika, whirlpool/

spiral is generated. Thus, small events in society turn into huge spirals and influence the whole society through the process of the dialectical chakra turning into swastika and then becoming a whirlpool/ spiral. This process can be seen in communal and other types of riots in the society. Social media has also speeded up this process as information is communicated instantaneously. Thus, we can find a large number of examples of ‘local event’ having ‘global impact’. These have created new challenges for the modern State. Social sciences have not yet grasped a proper understanding of this geometry of consciousness as many tools of social sciences are rooted in models drawn from natural sciences. An understanding of three tools viz. dialectical chakra, swastika analytics and spiral analytics can lead to new insights and thereby new solutions for the social and managerial problems and issues.

Shunya, Matrix and the Swastika: Matrix as Swastika and Swastika as Matrix

Popularized by Harvard Business School, 2 x 2 matrix is widely used as an analytic tool in Management. The dynamic aspect of 2x2 matrix is revealed when the matrix is viewed in terms of its origin from Shunya and transformation into a Swastika. Fig. 1 presents this view of the 2x2 matrix.

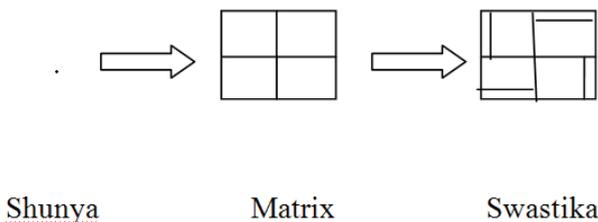


Fig. 1: Shunya, Matrix and Swastika Inter-relationships

Thus, 2 x2 matrix does not represent a static phenomenon as inherent within the matrix is a swastika. As the matrix rotates, it can become a spiral because of hidden swastika within it. Further, 2x2 matrix is hidden in shunya. When shunya expands in terms of horizontal and vertical axis, a 2 x2 matrix is generated with a hidden swastika in it. Rotation at a high speed then leads to a spiral. Thus, there is shunya and spiral connectivity via a matrix and swastika. In essence, the Geometry of shunya (shunya matrix) finds its expression in many forms such as matrix, swastika and

spirals. In 'creations from shunya' we can feel the presence of this geometry in varying forms.

### Western Windows, Eastern Doors and Consciousness Corridors

New geometry of consciousness also leads us to a new architecture of consciousness in terms of 'Western windows, Eastern doors and Consciousness corridors'. Western windows represent the Western enlightenment tradition reflected in scientific approach to knowledge creation wherein we look at the outer reality through the windows. Eastern doors represent the Eastern awakening tradition wherein we experience inner reality through the doors. Consciousness corridors provide us opportunity to study reality from both perspectives and thereby integrate the two approaches.

### **Science and Spirituality Connections through Geometry of Consciousness:**

#### **Towards A Bride between 'God Particle' and the 'Shunya Particle'**

Geometry of consciousness helps us in seeing connectivity between science and spirituality. While science is 'matter' (outer search) route to reality, spirituality is 'spirit' (inner search) route to reality. It is indeed interesting that while the two routes are different in its approach, there are interesting parallels. Capra (1976) provides many interesting parallels. Chandrankunnel (2008) takes us in the direction of 'quantum holism' and 'cosmic holism'. Wilber ((2000) suggests the need for 'Integral Psychology'. In the discussion below we point out parallels between some well known symbols from science and spirituality. These include symbol of atomic power and atmic power, double helix symbol of DNA and Kundalini symbol, medical symbol of intertwined snakes and Kundalini structure, symbol of psychology and symbol of trident etc. These are presented in Table 3.

**Table 3: Symbols from Science and Spirituality**

Symbols from Science

Symbols from Spirituality



(Atomic power)

Heart Chakra hexagon/ diamond  
( A symbol of Atmik power)



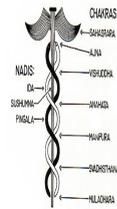
(Double helix)



(Kundalini double helix)



(Medical symbol)



(Kundalini structure)



(Psychology)



(Trident: Spirituality)

Thus, we observe interesting connectivity with some primordial symbols that are common across cultures. This indicates that ancient geometry of consciousness is being rediscovered through the route of science. This is bridging the gap between science and

spirituality. Science has recently discovered the 'God particle', in spirituality, 'shunya particle' represents the 'inner spirit' of the matter. In future we may discover the bridge between the 'God particle' and the 'shunya particle' i.e. between the 'atom' and the 'atma'. Such a discovery could come from the scientific route or the Rishi route or a combination of both approaches.

### **Application to Social and Management Thought**

To understand application of the geometry of consciousness to social sciences & social studies and Management thought, we consider the following four stages model of evolution of knowledge creation approaches in the field of social and management thought:

Natural sciences → Social sciences → Neurosciences → Consciousness sciences

(I)

(II)

(III)

(IV)

Methodology of the natural sciences deeply influenced the development of social sciences. However, with the development of neuro-sciences, social sciences are undergoing a transformation. Further with the impact of 'consciousness sciences' many fields of human knowledge are finding some new directions. In particular geometry of consciousness can lead to new directions of research in social studies, Management studies and Management thought.

In social contexts, geometry of consciousness finds its expression through individual and collective consciousness. An individual's consciousness can transform a society e.g. Gandhi's impact on society through the combined **effect** of +, x and spirals of awakening created by him. Similarly collective consciousness of a society can also transform a society e.g. French revolution and Russian revolution. Revolutions can be considered as 'tornadoes of collective consciousness' leading to fundamental change in the society and its structure. A better understanding of geometry of consciousness can provide us some lessons in understanding disruptions and transformations in society and nations. Giri (2013) suggests the need for 'Planetary realizations' for social transformation that can be facilitated through the new geometry of consciousness. Sharma (1996 & 2006) and Chakraborty (2010) outline contours of the 'colors of mind' for individuals, society and organizations. Further, Sharma & Albuquerque (2012)

explore implications of consciousness approach in the context of corporations.

### **Towards Theory of Consciousness**

O is symbol for shunya/ zero. As shunya symbol it represents consciousness and as the radius of the circle increases, **the circle** of consciousness increases. When radius becomes infinite, one reaches the realm of infinity. Thus, consciousness expands to infinity.

Theory O of consciousness aims at evolution of consciousness towards Oneness with cosmos. Since cosmos is infinite, Theory O implies expansion of one's consciousness to infinity. This leads to fullness experience that has been variously described as experience of bliss. When such experiences are brought into play in day to activities, it leads to harmony and peace through wisdom. Such a workplace becomes 'pragyasthan' i.e. a place where people experience oneness and bliss and decision making is based on 'wisdom (pragya) approach' also represented by 'wisdom circle' represented by an integration of science, art (represented on x-axis), philosophy and spirituality (represented on y-axis). This is the basic idea of Theory O that has wide application in social sciences, management, leadership and good governance. In all 'creations from shunya', entrepreneurs, leaders and institution builders experience an expansion in their consciousness starting from the initial state of zero/ a start from the scratch. Such experiences help in broadening of mental horizons.

In essence, Theory O implies expansion of consciousness and as consciousness expands, it creates conditions for inclusive approach. Divisions disappear and entire world becomes one family. When Swami Vivekananda addressed the Parliament of Religions through his famous words, Brothers & Sisters, he expanded the circle of consciousness to include everyone. Thus, Theory O of consciousness was unconsciously at work. Now the time has come to consciously use this approach for individual and social transformation.

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